

Attorney Docket No.: 20712-0091
First Named Inventor: ERDMAN et al.
Application No.: 10/712,135
Filed: November 13, 2003
Sheet 1 of 3
REPLACEMENT SHEET

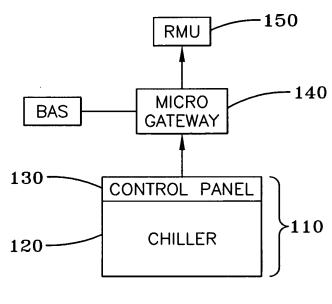


FIG-1

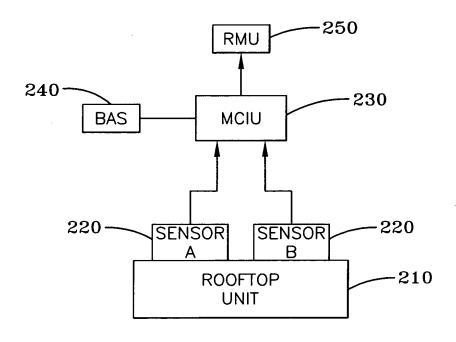


FIG-2

Altomey Docker No.: 20712-0091 First Named Inventor: ERDMAN et al. Application No.: 10/712,135 Filed: November 13, 2003 Sheet 2 of 3 REPLACEMENT SHEET TO FIG-3B SENSOR DATA 330 310-FROM UNIT IS NO DATA OUTSIDE 320-DATA SENT TO **NORMAL** ON-SITE RMU RANGE? YES **NORMAL** 390 MONITORING **CONTINUES** 410 NO 420 IS IS OPERATION OUTSIDE YES NO OPERATION WITHIN NORMAL PARA. FOR A CRITICAL PRE-SELECTED **FROM** PARAMETER? PERIOD OF 400 TIME? YES 440 YES CRITICAL ALARM WARNING ALARM **GENERATED GENERATED** 450 RMU CONTACTS 430 **RMD** 460 RMU DOWNLOADS ALARM INFORMATION TO RMD

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FIG-3A

Attorney Docket No.: 20712-0091 First Named Inventor: ERDMAN et al. Application No.: 10/712,135 Filed: November 13, 2003 Sheet 3 of 3 **FROM** REPLACEMENT SHEET FIG-3A DATA STORED IN 340 NO MEMORY: NORMAL MONITORING CONTINUES FROM 310 330 360 350-YES ALARM GENERATED DATA STORED IN **MEMORY** AT RMU **FROM** 330 370-**DIAGNOSTICS** 400 APPLIED TO DATA 380-IS IS ALARM CAUSED YES NO MONITORED PARA. BY TEMPORARY INDICATIVE OF A **EXCURSION?** PROBLEM? YES NO 390-DIAGNOSTICS RETURNS RMU TO NORMAL MONITORING 310 490 470 480 **FROM** IS 460 NO RMD EVALUATES **ACTION RMU** INFORMATION RESETS REQUIRED? YES 500 FIG-3B RMD INITIATES REMEDIAL ACTION